

Docket No. AUS920030661US1

CLAIMS:

What is claimed is:

1. A method for testing a software program, the method comprising the computer implemented steps of:

responsive to a user input, containing text in a source language, entered through a computer interface in the data processing system, translating the text from the source language to the target language to form translated text;

automatically inserting the translated text into a user interface of the software program to be tested to form inserted, translated text, wherein the software program is written in the target language; and

determining whether the software program functions correctly using the inserted, translated text.

2. The method of claim 1, wherein the computer interface includes an option for a user to enable and disable translation of the text.

3. The method of claim 1, wherein the target language includes is one of a single-byte language or a multi-byte language.

4. The method of claim 1, wherein the translating step uses a set of translation rules.

Docket No. AUS920030661US1

5. The method of claim 4, wherein a set of translation rules may be defined in a configuration file by a user at any time.

6. The method of claim 4, wherein a set of translation rules may be applied upon restarting of the computer interface.

7. The method of claim 1, wherein the translating step comprises:

- preserving selected source language characters in the text; and

- replacing selected source language characters with target language characters.

8. The method of claim 1, wherein inserting step is initiated in response to a user input to commit the translated text input.

9. The method of claim 1, wherein translating step is performed using a set of instructions and configuration files in a network data processing system.

10. A data processing system comprising:

- a bus system;

- a memory, wherein the memory contains a set of instructions; and

- a processing unit, wherein the processing unit executes the set of instructions to translate text from a source language to a target language to form translated

Docket No. AUS920030661US1

text in response to a user input, containing text in a source language, entered through a computer interface in the data processing system; automatically insert the translated text into a user interface of the software program to be tested to form inserted, translated text, wherein the software program is written in the target language; and determine whether the software program functions correctly using the inserted, translated text.

11. A data processing system for testing a software program, the data processing system comprising:

translating means, responsive to a user input, containing text in a source language, entered through a computer interface in the data processing system, for translating the text from the source language to the target language to form translated text;

inserting means for automatically inserting the translated text into a user interface of the software program to be tested to form inserted, translated text, wherein the software program is written in the target language; and

determining means for determining whether the software program functions correctly using the inserted, translated text.

12. The data processing system of claim 11, wherein the computer interface includes options for a user to select at least one of a source language and a translation mode at any time.

Docket No. AUS920030661US1

13. The data processing system of claim 12, wherein the translation mode includes a default translation and a look up translation.

14. The data processing system of claim 13, wherein the lookup translation mode displays a popup window with possible translated text inputs.

15. The data processing system of claim 11, wherein the translating means comprises:

preserving means for preserving selected source language characters in the text; and

replacing means for replacing selected source language characters with target language characters.

16. The data processing system of claim 11, wherein the determining means includes:

validating means for validating target language handling capabilities in the back end logic of the software program in response to an insertion of the inserted, translated text.

17. A computer program product in a computer readable medium for testing a software program, the computer program product comprising:

first instructions, responsive to a user input, containing text in a source language, entered through a computer interface in the data processing system, for translating the text from the source language to the target language to form translated text;

Docket No. AUS920030661US1

second instructions for automatically inserting the translated text into a user interface of the software program to be tested to form inserted, translated text, wherein the software program is written in the target language; and

third instructions for determining whether the software program functions correctly using the inserted, translated text.

18. The computer program product of claim 17, wherein the computer interface includes options for a user to select at least one of a source language and a translation mode at any time.

19. The computer program product of claim 18, wherein the translation mode include a default translation and a look up translation.

20. The computer program product of claim 17, wherein the computer interface includes an option for a user to enable and disable translation of the text.